

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1307407

Luminaire Tested: LDSQA3D20R159024D010 3LSQCA45R 1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1307407  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-73)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D20R159024D010 3LSQCA45R 1MMS  
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , 3LSQCA45R 1MMS TRII  
Light Source: -  
Ballast/Driver: -

**Summary**

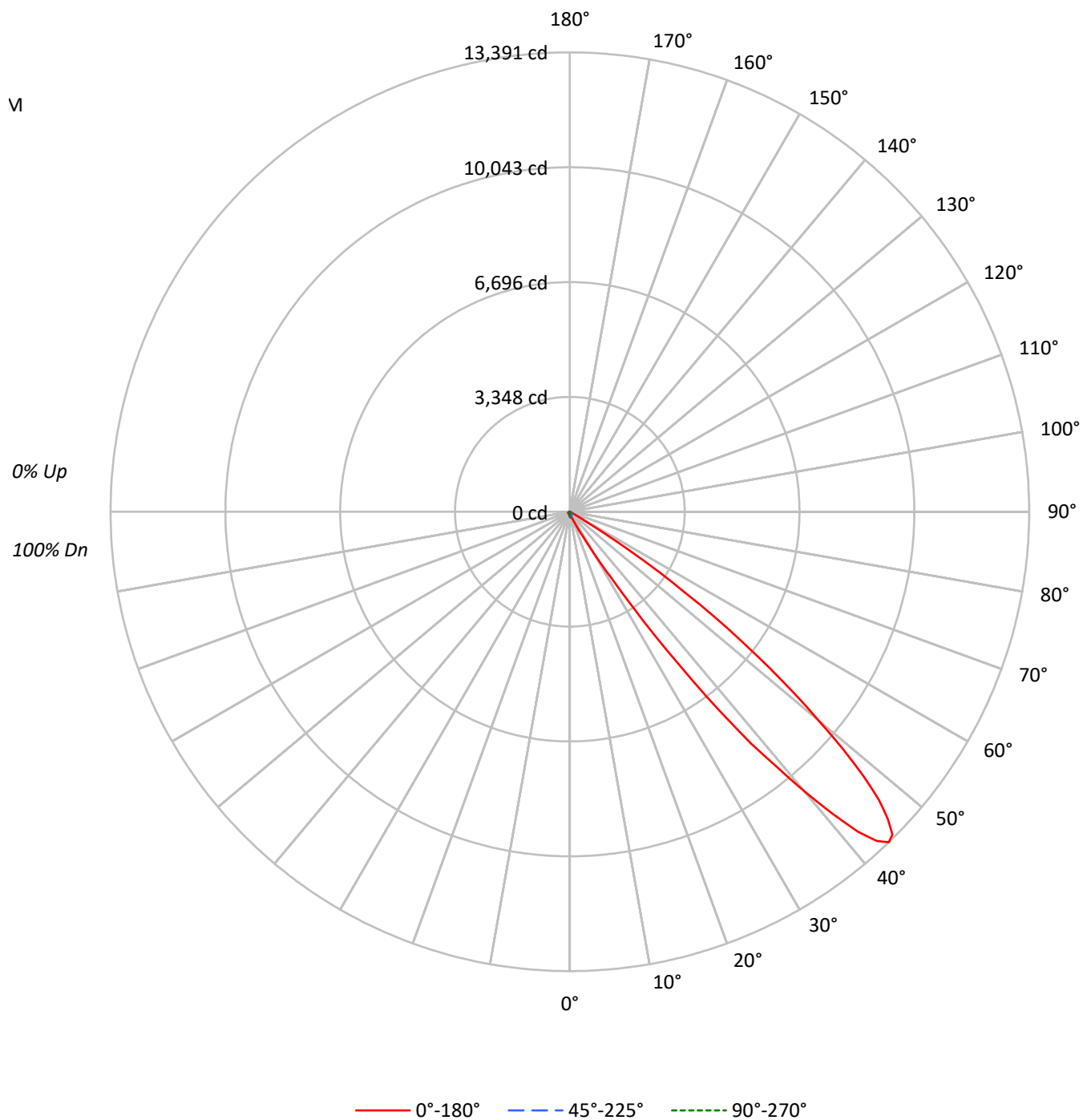
Lumens per Lamp: N/A  
Luminaire Lumens: 1495.0 lumens  
Efficiency: N/A  
Efficacy: 51.9 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.08  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 28.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1307407

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### Luminous Intensity Polar Plot



TEST NUMBER: P1307407

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |     |     |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 10  |     |     | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 110 | 106 | 102 | 99  | 107 | 104 | 100 | 97  | 100 | 97  | 94  |  | 96  | 93  | 91  |  | 92  | 90  | 89  | 87  |
| 2   | 101 | 93  | 87  | 81  | 98  | 91  | 85  | 80  | 87  | 83  | 78  |  | 84  | 80  | 77  |  | 81  | 78  | 75  | 73  |
| 3   | 91  | 81  | 73  | 67  | 89  | 79  | 72  | 66  | 76  | 70  | 65  |  | 74  | 68  | 64  |  | 71  | 67  | 63  | 61  |
| 4   | 83  | 71  | 62  | 55  | 80  | 69  | 61  | 55  | 67  | 60  | 54  |  | 64  | 58  | 53  |  | 62  | 57  | 53  | 50  |
| 5   | 75  | 62  | 52  | 46  | 73  | 61  | 52  | 45  | 58  | 51  | 45  |  | 56  | 50  | 44  |  | 55  | 49  | 44  | 42  |
| 6   | 68  | 54  | 45  | 38  | 66  | 53  | 44  | 38  | 51  | 43  | 37  |  | 49  | 42  | 37  |  | 48  | 42  | 37  | 35  |
| 7   | 62  | 47  | 38  | 32  | 60  | 47  | 38  | 32  | 45  | 37  | 31  |  | 44  | 36  | 31  |  | 42  | 36  | 31  | 29  |
| 8   | 56  | 42  | 33  | 27  | 55  | 41  | 33  | 27  | 40  | 32  | 26  |  | 39  | 31  | 26  |  | 37  | 31  | 26  | 24  |
| 9   | 52  | 37  | 28  | 22  | 50  | 37  | 28  | 22  | 35  | 28  | 22  |  | 34  | 27  | 22  |  | 33  | 27  | 22  | 20  |
| 10  | 48  | 33  | 25  | 19  | 46  | 33  | 25  | 19  | 32  | 24  | 19  |  | 31  | 24  | 19  |  | 30  | 23  | 19  | 17  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 22854   | 22854 | 22854 | 22854 | 22854 |
| 5°  | 28352   | 25258 | 20625 | 18031 | 17789 |
| 10° | 27893   | 21633 | 15897 | 14078 | 14340 |
| 15° | 23125   | 15423 | 11429 | 11696 | 12499 |
| 20° | 40156   | 12298 | 8742  | 10117 | 11473 |
| 25° | 89503   | 14727 | 7088  | 9349  | 10756 |
| 30° | 267693  | 18077 | 6224  | 9188  | 11256 |
| 35° | 1030474 | 20373 | 5635  | 9398  | 11900 |
| 40° | 2391822 | 17761 | 5373  | 9712  | 12725 |
| 45° | 3239611 | 13444 | 4725  | 10522 | 13785 |
| 50° | 2540145 | 7984  | 4796  | 11173 | 15165 |
| 55° | 1219210 | 3573  | 4474  | 12070 | 16574 |
| 60° | 111428  | 517   | 4099  | 12848 | 18497 |
| 65° | 12144   | 0     | 3627  | 13366 | 20050 |
| 70° | 3021    | 0     | 4482  | 14250 | 21753 |
| 75° | 2994    | 998   | 5922  | 15903 | 24820 |
| 80° | 2975    | 2975  | 7438  | 16265 | 26580 |
| 85° | 2964    | 2964  | 11856 | 14820 | 29443 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3239611 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 11.3   | 0.8       |
| 10°-20°   | 23.6   | 1.6       |
| 20°-30°   | 56.5   | 3.8       |
| 30°-40°   | 309.2  | 20.7      |
| 40°-50°   | 748.8  | 50.1      |
| 50°-60°   | 298.7  | 20.0      |
| 60°-70°   | 25.8   | 1.7       |
| 70°-80°   | 14.6   | 1.0       |
| 80°-90°   | 6.4    | 0.4       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 91.4   | 6.1       |
| 0°-40°    | 400.6  | 26.8      |
| 0°-60°    | 1448.2 | 96.9      |
| 0°-90°    | 1495.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1495.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°    | 45° | 90° | 135° | 180° | Flux |
|-----|-------|-----|-----|------|------|------|
| 0°  | 133   | 133 | 133 | 133  | 133  |      |
| 5°  | 164   | 146 | 119 | 104  | 103  | 16   |
| 15° | 130   | 86  | 64  | 66   | 70   | 45   |
| 25° | 471   | 78  | 37  | 49   | 57   | 284  |
| 35° | 4901  | 97  | 27  | 45   | 57   | 3463 |
| 45° | 13301 | 55  | 19  | 43   | 57   | 9383 |
| 55° | 4060  | 12  | 15  | 40   | 55   | 3783 |
| 65° | 30    | 0   | 9   | 33   | 49   | 76   |
| 75° | 4     | 2   | 9   | 24   | 37   | 4    |
| 85° | 2     | 2   | 6   | 8    | 15   | 1    |
| 90° | 0     | 0   | 0   | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 2.5°    | 5°      | 7.5°    | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 45°   |
|-------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 132.7   | 132.7   | 132.7   | 132.7   | 132.7  | 132.7  | 132.7  | 132.7  | 132.7  | 132.7  | 132.7 |
| 2.5°  | 149.1   | 149.1   | 150.6   | 149.1   | 149.1  | 149.1  | 149.1  | 147.6  | 147.6  | 147.6  | 143.1 |
| 5°    | 164.0   | 164.0   | 164.0   | 164.0   | 162.5  | 162.5  | 162.5  | 161.0  | 161.0  | 159.5  | 146.1 |
| 7.5°  | 169.9   | 169.9   | 168.4   | 168.4   | 167.0  | 167.0  | 165.5  | 164.0  | 162.5  | 161.0  | 140.1 |
| 10°   | 159.5   | 159.5   | 159.5   | 158.0   | 158.0  | 156.5  | 155.0  | 153.5  | 152.0  | 149.1  | 123.7 |
| 12.5° | 141.6   | 141.6   | 143.1   | 141.6   | 140.1  | 138.6  | 135.6  | 134.2  | 132.7  | 129.7  | 102.9 |
| 15°   | 129.7   | 129.7   | 129.7   | 128.2   | 126.7  | 123.7  | 122.2  | 119.3  | 117.8  | 113.3  | 86.5  |
| 17.5° | 165.5   | 165.5   | 164.0   | 161.0   | 155.0  | 150.6  | 143.1  | 137.1  | 129.7  | 120.7  | 74.5  |
| 20°   | 219.1   | 219.1   | 216.1   | 213.2   | 205.7  | 198.3  | 186.3  | 175.9  | 164.0  | 153.5  | 67.1  |
| 22.5° | 317.5   | 322.0   | 313.0   | 302.6   | 292.2  | 274.3  | 257.9  | 241.5  | 220.6  | 202.7  | 68.6  |
| 25°   | 471.0   | 475.5   | 471.0   | 447.2   | 427.8  | 404.0  | 372.7  | 339.9  | 304.1  | 271.3  | 77.5  |
| 27.5° | 763.2   | 766.2   | 758.7   | 700.6   | 669.3  | 606.7  | 551.5  | 497.9  | 438.3  | 378.6  | 85.0  |
| 30°   | 1346.1  | 1347.6  | 1299.9  | 1183.6  | 1080.7 | 943.6  | 827.3  | 715.5  | 621.6  | 526.2  | 90.9  |
| 31°   | 1772.4  | 1730.7  | 1629.3  | 1489.2  | 1325.2 | 1140.4 | 980.9  | 836.3  | 696.1  | 593.3  | 92.4  |
| 32°   | 2250.9  | 2244.9  | 2076.5  | 1833.5  | 1614.4 | 1383.3 | 1143.3 | 958.5  | 797.5  | 657.4  | 93.9  |
| 33°   | 2884.4  | 2887.4  | 2622.1  | 2335.9  | 1976.6 | 1666.6 | 1352.0 | 1098.6 | 904.8  | 733.4  | 96.9  |
| 34°   | 3874.2  | 3641.7  | 3330.1  | 2942.6  | 2453.6 | 1987.0 | 1578.6 | 1261.1 | 1001.7 | 806.4  | 96.9  |
| 35°   | 4901.3  | 4667.2  | 4324.4  | 3737.1  | 3066.3 | 2413.4 | 1848.4 | 1435.5 | 1118.0 | 885.4  | 96.9  |
| 36°   | 6052.1  | 5853.8  | 5335.1  | 4585.3  | 3729.6 | 2815.8 | 2134.6 | 1636.7 | 1232.8 | 957.0  | 95.4  |
| 37°   | 7295.3  | 7004.6  | 6429.2  | 5610.8  | 4466.0 | 3382.3 | 2483.4 | 1836.5 | 1347.6 | 1034.5 | 92.4  |
| 38°   | 8557.9  | 8295.5  | 7569.5  | 6578.3  | 5345.5 | 3980.1 | 2832.2 | 2028.8 | 1453.4 | 1092.7 | 87.9  |
| 39°   | 9514.9  | 9371.8  | 8651.8  | 7544.2  | 6047.6 | 4546.5 | 3191.5 | 2234.5 | 1565.2 | 1150.8 | 83.5  |
| 40°   | 10638.8 | 10407.8 | 9725.0  | 8355.1  | 6877.9 | 5123.4 | 3543.3 | 2416.4 | 1657.6 | 1197.0 | 79.0  |
| 41°   | 11664.4 | 11372.2 | 10510.6 | 9186.9  | 7542.7 | 5642.1 | 3877.2 | 2604.2 | 1732.1 | 1223.8 | 76.0  |
| 42°   | 12543.9 | 12204.0 | 11303.6 | 9899.4  | 8098.7 | 6056.5 | 4144.0 | 2738.3 | 1802.2 | 1246.2 | 71.6  |
| 43°   | 13113.3 | 12819.6 | 11934.2 | 10434.6 | 8574.3 | 6436.7 | 4393.0 | 2878.5 | 1845.4 | 1261.1 | 65.6  |
| 44°   | 13390.6 | 13093.9 | 12236.8 | 10770.0 | 8866.4 | 6664.7 | 4554.0 | 2975.3 | 1893.1 | 1280.5 | 61.1  |
| 45°   | 13301.1 | 13000.0 | 12171.2 | 10775.9 | 8957.3 | 6746.7 | 4622.5 | 3018.6 | 1918.5 | 1298.4 | 55.2  |
| 46°   | 12891.2 | 12679.5 | 11844.7 | 10495.7 | 8784.4 | 6658.8 | 4583.8 | 2985.8 | 1909.5 | 1298.4 | 49.2  |
| 47°   | 12315.8 | 12074.3 | 11279.8 | 10014.2 | 8365.6 | 6432.2 | 4427.2 | 2885.9 | 1854.4 | 1268.5 | 43.2  |
| 48°   | 11531.7 | 11326.0 | 10491.2 | 9249.5  | 7723.1 | 5938.8 | 4074.0 | 2723.4 | 1767.9 | 1210.4 | 37.3  |
| 49°   | 10547.9 | 10261.7 | 9485.0  | 8271.6  | 6885.3 | 5238.2 | 3610.4 | 2449.1 | 1629.3 | 1128.4 | 32.8  |
| 50°   | 9480.6  | 9127.3  | 8528.0  | 7292.3  | 6019.3 | 4491.3 | 3000.7 | 2070.5 | 1434.0 | 1021.1 | 29.8  |
| 51°   | 8435.6  | 8076.4  | 7505.5  | 6454.5  | 5095.1 | 3726.6 | 2420.8 | 1653.1 | 1180.6 | 873.5  | 25.3  |
| 52°   | 7351.9  | 7050.8  | 6411.3  | 5585.5  | 4361.7 | 3020.1 | 2016.9 | 1398.2 | 980.9  | 733.4  | 20.9  |
| 53°   | 6272.7  | 6067.0  | 5458.8  | 4622.5  | 3504.5 | 2467.0 | 1647.2 | 1197.0 | 855.6  | 627.6  | 16.4  |
| 54°   | 5192.0  | 4966.9  | 4504.8  | 3759.4  | 2824.8 | 1946.8 | 1396.7 | 1001.7 | 742.3  | 547.1  | 14.9  |
| 55°   | 4060.5  | 3944.3  | 3517.9  | 2866.5  | 2140.6 | 1553.3 | 1132.9 | 861.6  | 621.6  | 457.6  | 11.9  |
| 56°   | 3127.4  | 2996.2  | 2607.2  | 2079.5  | 1590.5 | 1216.4 | 916.8  | 703.6  | 526.2  | 383.1  | 8.9   |
| 57°   | 2048.2  | 1914.0  | 1656.1  | 1451.9  | 1158.2 | 886.9  | 700.6  | 554.5  | 427.8  | 317.5  | 7.5   |
| 58°   | 1210.4  | 1088.2  | 1047.9  | 894.4   | 772.2  | 602.2  | 517.3  | 412.9  | 316.0  | 250.4  | 4.5   |
| 59°   | 556.0   | 565.0   | 502.4   | 471.0   | 427.8  | 383.1  | 314.5  | 275.8  | 216.1  | 180.4  | 3.0   |
| 60°   | 323.5   | 305.6   | 298.1   | 266.8   | 237.0  | 210.2  | 189.3  | 167.0  | 135.6  | 116.3  | 1.5   |
| 62.5° | 110.3   | 105.8   | 108.8   | 98.4    | 92.4   | 89.4   | 82.0   | 70.1   | 58.1   | 47.7   | 0.0   |
| 65°   | 29.8    | 29.8    | 28.3    | 26.8    | 25.3   | 23.9   | 22.4   | 19.4   | 17.9   | 14.9   | 0.0   |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°   | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|------|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 10.4 | 10.4 | 8.9 | 8.9  | 7.5 | 7.5   | 6.0 | 6.0   | 4.5 | 4.5   | 0.0 |
| 70°   | 6.0  | 6.0  | 6.0 | 4.5  | 4.5 | 4.5   | 3.0 | 3.0   | 3.0 | 1.5   | 0.0 |
| 72.5° | 4.5  | 4.5  | 4.5 | 4.5  | 4.5 | 4.5   | 3.0 | 3.0   | 3.0 | 1.5   | 1.5 |
| 75°   | 4.5  | 4.5  | 4.5 | 3.0  | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   | 1.5 |
| 77.5° | 3.0  | 3.0  | 3.0 | 3.0  | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 |
| 80°   | 3.0  | 3.0  | 3.0 | 3.0  | 3.0 | 3.0   | 3.0 | 3.0   | 3.0 | 1.5   | 3.0 |
| 82.5° | 1.5  | 1.5  | 1.5 | 1.5  | 1.5 | 1.5   | 1.5 | 1.5   | 1.5 | 1.5   | 3.0 |
| 85°   | 1.5  | 1.5  | 1.5 | 1.5  | 1.5 | 1.5   | 1.5 | 1.5   | 1.5 | 1.5   | 1.5 |
| 87.5° | 0.0  | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.5 |
| 90°   | 0.0  | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°   | 112.5° | 135°  | 157.5° | 180°  |
|-------|-------|-------|--------|-------|--------|-------|
| 0°    | 132.7 | 132.7 | 132.7  | 132.7 | 132.7  | 132.7 |
| 2.5°  | 137.1 | 131.2 | 123.7  | 119.3 | 117.8  | 116.3 |
| 5°    | 131.2 | 119.3 | 110.3  | 104.3 | 102.9  | 102.9 |
| 7.5°  | 117.8 | 104.3 | 95.4   | 92.4  | 90.9   | 90.9  |
| 10°   | 102.9 | 90.9  | 83.5   | 80.5  | 82.0   | 82.0  |
| 12.5° | 86.5  | 76.0  | 73.0   | 73.0  | 74.5   | 76.0  |
| 15°   | 70.1  | 64.1  | 64.1   | 65.6  | 68.6   | 70.1  |
| 17.5° | 58.1  | 55.2  | 56.6   | 59.6  | 62.6   | 65.6  |
| 20°   | 47.7  | 47.7  | 50.7   | 55.2  | 59.6   | 62.6  |
| 22.5° | 40.2  | 41.7  | 46.2   | 50.7  | 56.6   | 59.6  |
| 25°   | 34.3  | 37.3  | 41.7   | 49.2  | 55.2   | 56.6  |
| 27.5° | 29.8  | 34.3  | 40.2   | 47.7  | 53.7   | 56.6  |
| 30°   | 25.3  | 31.3  | 38.8   | 46.2  | 53.7   | 56.6  |
| 31°   | 23.9  | 29.8  | 37.3   | 46.2  | 53.7   | 56.6  |
| 32°   | 22.4  | 29.8  | 37.3   | 46.2  | 53.7   | 56.6  |
| 33°   | 20.9  | 28.3  | 37.3   | 44.7  | 53.7   | 56.6  |
| 34°   | 19.4  | 28.3  | 37.3   | 46.2  | 53.7   | 56.6  |
| 35°   | 17.9  | 26.8  | 35.8   | 44.7  | 52.2   | 56.6  |
| 36°   | 16.4  | 26.8  | 35.8   | 44.7  | 53.7   | 56.6  |
| 37°   | 14.9  | 26.8  | 35.8   | 44.7  | 52.2   | 56.6  |
| 38°   | 14.9  | 25.3  | 34.3   | 44.7  | 52.2   | 56.6  |
| 39°   | 13.4  | 23.9  | 34.3   | 44.7  | 52.2   | 56.6  |
| 40°   | 11.9  | 23.9  | 32.8   | 43.2  | 52.2   | 56.6  |
| 41°   | 10.4  | 22.4  | 32.8   | 43.2  | 52.2   | 56.6  |
| 42°   | 8.9   | 22.4  | 32.8   | 43.2  | 52.2   | 56.6  |
| 43°   | 7.5   | 20.9  | 31.3   | 43.2  | 52.2   | 56.6  |
| 44°   | 7.5   | 20.9  | 31.3   | 43.2  | 52.2   | 56.6  |
| 45°   | 6.0   | 19.4  | 29.8   | 43.2  | 52.2   | 56.6  |
| 46°   | 6.0   | 19.4  | 29.8   | 41.7  | 52.2   | 56.6  |
| 47°   | 4.5   | 19.4  | 29.8   | 41.7  | 52.2   | 56.6  |
| 48°   | 4.5   | 17.9  | 29.8   | 41.7  | 52.2   | 56.6  |
| 49°   | 3.0   | 17.9  | 29.8   | 41.7  | 52.2   | 56.6  |
| 50°   | 3.0   | 17.9  | 28.3   | 41.7  | 52.2   | 56.6  |
| 51°   | 3.0   | 17.9  | 28.3   | 41.7  | 52.2   | 56.6  |
| 52°   | 3.0   | 16.4  | 28.3   | 41.7  | 52.2   | 56.6  |
| 53°   | 3.0   | 16.4  | 28.3   | 41.7  | 52.2   | 56.6  |
| 54°   | 3.0   | 16.4  | 26.8   | 41.7  | 52.2   | 56.6  |
| 55°   | 3.0   | 14.9  | 26.8   | 40.2  | 52.2   | 55.2  |
| 56°   | 3.0   | 14.9  | 26.8   | 40.2  | 52.2   | 55.2  |
| 57°   | 3.0   | 14.9  | 25.3   | 40.2  | 52.2   | 55.2  |
| 58°   | 3.0   | 13.4  | 25.3   | 38.8  | 50.7   | 55.2  |
| 59°   | 3.0   | 13.4  | 23.9   | 38.8  | 50.7   | 53.7  |
| 60°   | 3.0   | 11.9  | 23.9   | 37.3  | 49.2   | 53.7  |
| 62.5° | 3.0   | 10.4  | 20.9   | 35.8  | 47.7   | 50.7  |
| 65°   | 3.0   | 8.9   | 19.4   | 32.8  | 46.2   | 49.2  |





TEST NUMBER: P1307407

CATALOG NUMBER: LDSQA3D20R159024D010 3LSQCA45R 1MMS

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 3.0   | 8.9 | 17.9   | 31.3 | 43.2   | 47.7 |
| 70°   | 3.0   | 8.9 | 16.4   | 28.3 | 41.7   | 43.2 |
| 72.5° | 4.5   | 8.9 | 14.9   | 26.8 | 38.8   | 40.2 |
| 75°   | 6.0   | 8.9 | 13.4   | 23.9 | 35.8   | 37.3 |
| 77.5° | 6.0   | 8.9 | 11.9   | 20.9 | 31.3   | 32.8 |
| 80°   | 6.0   | 7.5 | 10.4   | 16.4 | 25.3   | 26.8 |
| 82.5° | 6.0   | 7.5 | 7.5    | 13.4 | 19.4   | 20.9 |
| 85°   | 4.5   | 6.0 | 6.0    | 7.5  | 13.4   | 14.9 |
| 87.5° | 4.5   | 6.0 | 3.0    | 4.5  | 6.0    | 6.0  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)